



Kestrel-1080

Video Recording Glasses
USER MANUAL

OPERATING INSTRUCTIONS

NOTE: Before recording any media, please remember to install a MicroSD card. By folding the left arm, you should see the card slot hiding on the actual arm. See images.

Power On

Press and hold the function button for about 2 seconds, the **blue** light will come on, the device enters into the stand-by state. **Note:** In stand-by state, the Kestrel will power off automatically if idle for 1 minute.

Snapping Photos

In stand-by state, hit the function button to take the photos. Meanwhile, the **blue** light will go off and on again and save the files in *.JPG format.

Recording Video

In stand-by state, press and hold the function button for about 2 seconds, the **blue** light will flash twice then go off and video will start recording. While recording, hit the function button again to pause, the blue light will come back on and stay on solid. To guarantee the size and safety of the recorded videos, the system saves the videos in file segments of 5 minutes each.

Power Off

In stand-by state, press and hold the function button for 5 seconds, the red light will flash 3 times, flash blue once then go off.

Charging

Charge the glasses by connecting it to a computer's USB port (computer must be on) or by using a USB AC adaptor. A flashing red light indicates that its charging, the blue light will come on once fully charged.

Playback

To review the recorded media, you can connect the glasses to your computer directly using the included USB cable, ensure the glasses are powered off before doing so. You may also connect the memory card directly to your computer if your computer has a memory card reader. Once connected, your computer should prompt you to browse or download the files.

We recommend using VLC player to play back videos recorded with the glasses. Download it free at:

 <http://www.videolan.org/>



Date-Time Stamp Setup

To update or remove the date-time imprinted on the video or photos please download the zUtilityApp from the Zetronix help section. Once installed in your system, select your Kestrel model form the list of items and the app will instruct you though the process.

<https://www.zetronix.com/download>



TROUBLESHOOTING

When the glasses stop responding, or not responding properly, it may be the result of low battery, full memory or corrupted memory. Giving it a full charge, resetting and formatting the memory will fix most issues.

Check for low-battery

When the battery is low, the red and blue lights flash 3 times, then shut down automatically. The files being taken will be saved before shutdown.

Resetting

When the product stops responding or can't connect with the computer, insert a pin or paperclip in the reset hole to press and hold the hidden reset switch for 15 seconds, the glasses will shut down, then simply turn it back on.

Formatting

Formatting the memory card can clear up issues caused by a corrupted file system. Please ensure you back up the files from the memory card before formatting it as it will wipe out all recorded media. If you don't know how to format, please find more information online or consult with someone you know knowledgeable with computers.

MAINTENANCE

Please abide by the relevant regulations and laws in your state or country. The user is fully responsible for the illegal use according to local laws.

Battery

The working time becomes shorter with increase of the use time. Please charge the battery fully before using when the product is in long-time storage.

File safety

The product is not a professional storage device, does not guarantee the completeness and safety of the stored files. Please back up your important files on the computer or other storage devices timely.

Video quality

The product is not a professional video device, it does not guarantee the same effect of the user's perception.

Working humidity

Avoid the humid working environments, the product is not waterproof.

Shoot illumination

Please shoot in an environment with enough illumination, don't point the lens towards the sun as this can damage the sensor.

Cleaning requirements

Please don't use the product in the high dusty environment, against dusty winds to the camera lens and other components. Please clean the camera lens with fine cloth gently.

Conditions

Please avoid the strong impact. Please don't use the product in strong magnetic or electric fields.

SPECIFICATIONS

Item	Parameters
Video format	AVI
Video encoding	M-JPEG
Video resolution	1920x1080 progressive
Video frame rate	30fps±1fps
Media playing software	Most default video players should be able to to playback videos. VLC Player is recommended to playback the videos from this device.
Picture format	JPG
Picture pixel	5MP
Image ratio	16:9
Compatible O/S	Windows me/2000/XP/Vista/8/10; Mac OS 10.4; Linux;
charging voltage	DC-5V
Charging time	About 1.5hours
Interface	MicroUSB 5 Pin
Storage	Micro SD(TF) card, up to 32GB
Battery	high-capacity lithium polymer
Working temperature	0-40 °C
Working humidity	20%—80%

DIAGRAM

